



Hazardous Materials Permit Instructions



In order to determine if a Hazardous Materials permit is required and instructions for submitting, please follow the steps below:

- 1) Permits are required for Hazardous Materials properties in the Louisville Fire District (Urban Services District). If you are unsure if your property falls in the Louisville Fire District, find out here:
 - a) [Find my Fire District](#)
- 2) Consult the Safety Data Sheet (SDS) or your supplier to determine which category in the following tables *best* describes each of the hazardous materials present.
- 3) Determine the aggregate quantity of each type (e.g. corrosive liquids total, flammable gas total).
- 4) If you have any materials at or above the quantities in the following table, you will be required to obtain a Permit* from the Louisville Division of Fire by completing the online permit application.
- 5) Conduct an inventory of any materials in use or stored at your business. The materials inventory must be attached to the Hazmat Permit form. Inventory must include the following:
 - a) Name of Material
 - b) CAS Number (if applicable)
 - c) Quantity (pounds of solids, cubic feet of gas, gallons of liquid)
 - d) Type and capacity of container (e.g. 55 gal. Steel/poly drums)

(Very similar materials may be grouped together, such as all Class 1 Flammables.)
- 6) If you have not submitted a current and accurate floor plan indicating all hazardous materials locations or your floor plan has changed, please attach one where indicated on the permit form.
- 7) Read the FAQ section for examples if needed.

Permit Level / Fee: The Level of Permit and fee required will be determined by using the largest total quantity of any one of the three categories (liquid, gas, or solid material) listed on the permit application.

Additional Info

All quantities are to be calculated at normal temperature and pressure, defined as 70 degrees Fahrenheit and 1 atmosphere (where applicable).

Definitions and terminology associated with these tables are reprinted from the National Fire Protection Association's Uniform Fire Code, NFPA 1 (2012 edition) and may be found under the "Definitions" document link on the Hazardous Materials Permit web page.

*Pursuant to Louisville Metro Government and the National Fire Protection Association's Uniform Fire Code, NFPA 1 (2012 edition), section 1.12. For more information, a copy is available for review at Louisville Division of Fire Headquarters, 1135 W. Jefferson St., Louisville, KY, 40203.

****Any materials at or above the quantities in the following table require a permit****

Compressed Gases

(This includes non-cryogenic gases stored as a liquid, such as Carbon Dioxide and Propane)

| Type of Gas | Amount Requiring Permit |
|------------------------------|--|
| Corrosive | More than 200 cubic feet |
| Flammable | More than 200 cubic feet |
| Highly Toxic or Toxic | Any amount |
| Inert or simple asphyxiant | More than 6000 cubic feet |
| Oxidizing (including oxygen) | More than 504 cubic feet |
| Propane | 125 gallons water capacity (aggregate) or more |
| Pyrophoric | Any amount |
| Unstable or reactive | Any amount |

The actual quantity in a given cylinder will vary with the type of gas and the size of the cylinder. Consult with your supplier for guidance if you are unsure.

Cryogenic Liquids

| Type of Cryogenic Liquid | Amount Requiring a Permit | |
|-----------------------------|---|--|
| | Storage INSIDE Building (in gallons) | Storage OUTSIDE Building (in gallons) |
| Corrosive | More than 1 gallon | More than 1 gallon |
| Flammable | More than 1 gallon | More than 60 gallons |
| Highly Toxic or Toxic | More than 1 gallon | More than 1 gallon |
| Non-flammable | More than 60 gallons | More than 500 gallons |
| Oxidizer (including Oxygen) | More than 10 gallons | More than 50 gallons |

Flammable or Combustible Liquids

| Type of Liquid | Amount Requiring a Permit | |
|--|---|--|
| | Storage INSIDE Building (in gallons) | Storage OUTSIDE Building (in gallons) |
| Class I (Flashpoint <100° F) | More than 5 gallons | More than 10 gallons |
| Class II (Flashpoint >100° F <140° F) | More than 25 gallons | More than 60 gallons |
| Class IIA (Flashpoint ≥140° F <200° F) | More than 25 gallons | More than 60 gallons |

Exception: Fuel oil used in connection with oil-burning equipment is exempt (e.g. Boiler, Back-up generator).

All Class IIIB liquids (flashpoint ≥200° F) in any amount are exempt.

Miscellaneous Hazardous Materials

| Type of Material | Amount Requiring a Permit |
|------------------------------|---|
| Aerosol Cans | Level 2 or 3 in excess of 500 pounds (net weight) |
| Battery systems | Stationary lead-acid battery systems: >50 gallons electrolyte in non-sprinklered buildings. >100 gallons electrolyte in a sprinklered building. |
| Consumer Fireworks | More than 10 pounds (pyrotechnic content) |
| Corrosive Liquid | More than 55 gallons |
| Corrosive Solid | More than 55 pounds |
| Display Fireworks | Any amount |
| Explosives | Any amount in use or storage |
| Flammable Solid | More than 100 pounds |
| Toxic Liquid | More than 10 gallons |
| Toxic Solid | More than 100 pounds |
| Highly Toxic Liquid | Any amount |
| Highly Toxic Solid | Any amount |
| Organic Peroxides: | |
| Unclassified detonatable | Any amount |
| Class I | Any amount |
| Class II | Any amount |
| Class III | More than 10 pounds |
| Class IV | More than 20 pounds |
| Oxidizing Liquids: | |
| Class 4 | Any amount |
| Class 3 | More than 1 gallon |
| Class 2 | More than 10 gallons |
| Class 1 | More than 55 gallons |
| Oxidizing Solids: | |
| Class 4 | Any amount |
| Class 3 | More than 10 pounds |
| Class 2 | More than 100 pounds |
| Class 1 | More than 500 pounds |
| Unstable (reactive) Liquids: | |
| Class 4 | Any amount |
| Class 3 | Any amount |
| Class 2 | More than 5 gallons |
| Class 1 | More than 10 gallons |

(Continued on next page)

Miscellaneous Hazardous Materials

| Type of Material | Amount Requiring a Permit |
|---|---|
| Unstable (reactive) Solids: Class 4 Class 3 Class 2 Class 1 | Any amount Any amount More than 50 pounds More than 100 pounds |
| Water Reactive Liquids: Class 3 Class 2 Class 1 | Any amount More than 5 gallons More than 10 gallons |
| Water Reactive Solids: Class 3 Class 2 Class 1 | Any amount More than 50 pounds More than 100 pounds |

Further information regarding the Hazmat Permit process may be found under the "FAQs" document on the Hazardous Materials Permit web page.

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